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Normal forms of Levi-flat hypersurfaces with Arnold type singularities

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Abstract. In this paper we study normal forms of Levi-flat hypersurfaces with singularities. We prove a result analogous to the Burns-Gong theorem for the existence of rigid normal forms of Levi-flat hypersurfaces which are defined by the vanishing of the real part of A_k , D_k , E_k singularities.

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